

? logon

\*\*\* It is now 2009/06/08 15:07:48 \*\*\*  
(Dialog time 2009/06/08 14:07:48)

Preferences:

1. Default save option: [TEXT]
2. Graphic Images.  
Maximum width in pixels : [300]  
Maximum height in pixels: [300]
3. Hold output position (don't scroll to the output buffer end): [Yes]
4. Command separators (add HR after every command): [No]
5. Type separators (add HR after every record): [Yes]
6. Linking Pane: [Right]
7. Status location.  
Below Type ahead buffer : [Yes]  
In Browser status line: [No]
8. Show Estimated Cost Summary: [Yes]
9. Highlight Search Terms: [No]
10. Display Detailed Results by Search Term: [Yes]
11. Show Results by File (multifile search): [Yes]
12. Display Postings: [No]
14. Expand Items: 10
15. Hold Expand output position (don't scroll to the output buffer end): [Yes]
16. KWIC Window: 30
17. Output Cost Notification: [No]
18. Prompt for Subaccount at Logon: [No]
19. Hide History Tab: [No]
20. Show Preferences at Login: [Yes]
21. Show hyphen(s) in display set command : [Yes]

? b 155 biosci medicine 399

```
08jun09 13:08:18 User276629 Session D265.1
      $0.00      0.249 DialUnits File415
$0.00  Estimated cost File415
$0.13  INTERNET
$0.13  Estimated cost this search
$0.13  Estimated total session cost      0.249 DialUnits
```

SYSTEM:OS - DIALOG OneSearch

```
File 155:MEDLINE(R) 1950-2009/Jun 05
      (c) format only 2009 Dialog
File   5:Biosis Previews(R) 1926-2009/May W5
      (c) 2009 The Thomson Corporation
File  24:CSA Life Sciences Abstracts 1966-2009/Jul
      (c) 2009 CSA.
File  28:Oceanic Abstracts 1966-2009/Jun
      (c) 2009 CSA.
File  34:SciSearch(R) Cited Ref Sci 1990-2009/May W5
      (c) 2009 The Thomson Corp
File  35:Dissertation Abs Online 1861-2009/May
      (c) 2009 ProQuest Info&Learning
File  40:Enviroline(R) 1975-2008/May
      (c) 2008 Congressional Information Service
*File  40: This file is closed and will no longer update. For
similar data, please search File 76-Environmental Sciences.
File  41:Pollution Abstracts 1966-2009/Jul
      (c) 2009 CSA.
```

File 44:Aquatic Science & Fisheries Abstracts 1966-2009/Jun  
(c) 2009 CSA.

File 45:EMCare 2009/May W5  
(c) 2009 Elsevier B.V.

File 50:CAB Abstracts 1972-2009/May W5  
(c) 2009 CAB International

\*File 50: The file has been reloaded and accession numbers have changed. See HELP NEWS50 for information.

File 65:Inside Conferences 1993-2009/Jun 08  
(c) 2009 BLDSC all rts. reserv.

File 71:ELSEVIER BIOBASE 1994-2009/Jun W1  
(c) 2009 Elsevier B.V.

\*File 71: The file has been reloaded. Accession numbers have changed.

File 72:EMBASE 1993-2009/Jun 03  
(c) 2009 Elsevier B.V.

File 73:EMBASE 1974-2009/Jun 03  
(c) 2009 Elsevier B.V.

File 76:Environmental Sciences 1966-2009/Jul  
(c) 2009 CSA.

File 91:MANTIS(TM) 1880-2009/Mar  
2001 (c) Action Potential

File 98:General Sci Abs 1984-2009/Jun  
(c) 2009 The HW Wilson Co.

File 110:WasteInfo 1974-2002/Jul  
(c) 2002 AEA Techn Env.

\*File 110: This file is closed (no updates)

File 135:NewsRx Weekly Reports 1995-2009/May W4  
(c) 2009 NewsRx

File 136:BioEngineering Abstracts 1966-2007/Jan  
(c) 2007 CSA.

\*File 136: This file is closed.

File 143:Biol. & Agric. Index 1983-2009/May  
(c) 2009 The HW Wilson Co

File 144:Pascal 1973-2009/Jun W1  
(c) 2009 INIST/CNRS

File 154:MEDLINE(R) 1990-2009/Jun 05  
(c) format only 2009 Dialog

File 164:Allied & Complementary Medicine 1984-2009/May  
(c) 2009 BLHCIS

File 172:EMBASE Alert 2009/Jun 05  
(c) 2009 Elsevier B.V.

File 185:Zoological Record Online(R) 1864-2009/Jun  
(c) 2009 The Thomson Corp.

File 357:Derwent Biotech Res. \_1982-2009/May W1  
(c) 2009 Thomson Reuters

File 369:New Scientist 1994-2009/May W4  
(c) 2009 Reed Business Information Ltd.

File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS

\*File 370: This file is closed (no updates). Use File 47 for more current information.

File 391:Beilstein Database - Reactions 2008/Q2  
(c) 2008 Beilstein GmbH

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

File 457:THE LANCET 1992-2009/MAY W5  
(c) 2009 ELSEVIER LTD.ALL RIGHTS RES

File 467:ExtraMED(tm) 2000/Dec  
(c) 2001 Informania Ltd.

File 138:Physical Education Index 1990-2009/Jun  
 (c) 2009 CSA.

File 149:TGG Health&Wellness DB(SM) 1976-2009/May W2  
 (c) 2009 Gale/Cengage

File 156:ToxFile 1965-2009/May W5  
 (c) format only 2009 Dialog

File 159:Cancerlit 1975-2002/Oct  
 (c) format only 2002 Dialog

File 162:Global Health 1983-2009/May W5  
 (c) 2009 CAB International

\*File 162: The file has been reloaded and accession numbers have  
 changed. See HELP NEWS 162 for information.

File 266:FEDRIP 2009/Apr  
 Comp & dist by NTIS, Intl Copyright All Rights Res

File 399:CA SEARCH(R) 1967-2009/UD=15024  
 (c) 2009 American Chemical Society

\*File 399: Use is subject to the terms of your user/customer agreement.  
 IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

File 444:New England Journal of Med. 1985-2009/May W5  
 (c) 2009 Mass. Med. Soc.

Set	Items	Description
---	-----	-----

? s (granul?) (N50) (polyolefin)

Processing

	2128981	GRANUL?
	78334	POLYOLEFIN
S1	264	(GRANUL?) (N50) (POLYOLEFIN)

? rd

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S2	237	RD (unique items)
----	-----	-------------------

? s s1 and py<=2002

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processing

Processed 10 of 42 files ...

Processing

Processed 20 of 42 files ...

Processing  
 Processing  
 Processed 30 of 42 files ...  
 >>>One or more prefixes are unsupported  
 >>> or undefined in one or more files.

Processing  
 Processing  
 Processed 40 of 42 files ...  
 Completed processing all files  
 264 S1  
 136079916 PY<=2002  
 S3 177 S1 AND PY<=2002

? s s3 and (polypropylene or polybutylene or polybutadiene)

177 S3  
 193271 POLYPROPYLENE  
 9225 POLYBUTYLENE  
 32292 POLYBUTADIENE  
 S4 36 S3 AND (POLYPROPYLENE OR POLYBUTYLENE OR POLYBUTADIENE)

? t s36/medium/1-10

>>> Set 36 does not exist? t s3/medium/1-10

Dialog eLink:  
 3/3/1 (Item 1 from file: 155)  
 DIALOG(R)File 155: MEDLINE(R)  
 (c) format only 2009 Dialog. All rights reserved.

06957216 PMID: 6214890  
 Platelet concentrates. Influence of different preparative protocols on the in vitro

Snyder E L; Koerner T A; Hezzey A  
 Vox sanguinis ( SWITZERLAND ) 1982 , 43 (2) p71-5 , ISSN: 0042-9007--Print Jo  
 Contract/Grant No.: I-F32-HLO6442-01; HL; NHLBI NIH HHS United States  
 Publishing Model Print  
 Document type: Journal Article; Research Support, U.S. Gov't, P.H.S.  
 Languages: ENGLISH  
 Main Citation Owner: NLM  
 Record type: MEDLINE; Completed

Dialog eLink:  
 3/3/2 (Item 2 from file: 155)  
 DIALOG(R)File 155: MEDLINE(R)  
 (c) format only 2009 Dialog. All rights reserved.

06626590 PMID: 7256827  
 Prolonged cryopreservation of human bone marrow.

Parker L M; Binder N; Gelman R; Richman C M; Weiner R S; Yankee R A  
 Transplantation ( UNITED STATES ) Jun 1981 , 31 (6) p454-7 , ISSN: 0041-1337--P  
 Publishing Model Print  
 Document type: Journal Article  
 Languages: ENGLISH  
 Main Citation Owner: NLM  
 Record type: MEDLINE; Completed

Dialog eLink:  
 3/3/3 (Item 3 from file: 155)  
 DIALOG(R)File 155: MEDLINE(R)  
 (c) format only 2009 Dialog. All rights reserved.

06405178 PMID: 7423591  
 Effect of plastic containers on liquid preservation of human granulocytes. I. With a  
 Contreras T J; Jemionek J F; French J E; Shields L J  
 Transfusion ( UNITED STATES ) Sep-Oct 1980 , 20 (5) p519-30 , ISSN: 0041-1132--  
 Publishing Model Print  
 Document type: Journal Article  
 Languages: ENGLISH  
 Main Citation Owner: NLM  
 Record type: MEDLINE; Completed

3/3/4 (Item 1 from file: 5)  
 DIALOG(R)File 5: Biosis Previews(R)  
 (c) 2009 The Thomson Corporation. All rights reserved.

17127137 Biosis No.: 200300085856  
 Granular fertilizer coated with decomposable coating film and process for producing  
 Author: Sakai Yuichi (Reprint); Tada Keishi; Kobayashi Hiroyuki  
 Author Address: Kawasaki, Japan\*\*Japan  
 Journal: Official Gazette of the United States Patent and Trademark Office Patents  
 Medium: e-file  
 Patent Number: US 6500223 Patent Date Granted: December 31, 2002 20021231 Patent C  
 ISSN: 0098-1133 \_(ISSN print)  
 Document Type: Patent  
 Record Type: Abstract  
 Language: English

Dialog eLink:  
 3/3/5 (Item 2 from file: 5)  
 DIALOG(R)File 5: Biosis Previews(R)  
 (c) 2009 The Thomson Corporation. All rights reserved.

13797349 Biosis No.: 199799431409  
 Nitrogen release from polyolefin-coated urea with attention to individual weights  
 Author: Takahashi Shigeru; Ono Shin-Ichi  
 Author Address: Dep. Soils Fertilizers, Natl. Agric. Res. Cent., Tsukuba 305, Japan\*  
 Journal: Nutrient Cycling in Agroecosystems 46 ( 2 ): p 153-156 1996 1996  
 ISSN: 1385-1314  
 Document Type: Article  
 Record Type: Abstract  
 Language: English

Dialog eLink:  
 3/3/6 (Item 3 from file: 5)  
 DIALOG(R)File 5: Biosis Previews(R)  
 (c) 2009 The Thomson Corporation. All rights reserved.

11168588 Biosis No.: 199293011479  
 SIMULATION OF CROP RESPONSE TO POLYOLEFIN-COATED UREA I. FIELD DISSOLUTION

Author: GANDEZA A T (Reprint); SHOJI S; YAMADA I  
 Author Address: SOIL SCIENCE LABORATORY, FACULTY AGRICULTURE, TOHOKU UNIV, TSUTSUMID  
 Journal: Soil Science Society of America Journal 55 ( 5 ): p 1462-1467 1991  
 ISSN: 0361-5995  
 Document Type: Article  
 Record Type: Abstract  
 Language: ENGLISH

Dialog eLink:  
 3/3/7 (Item 4 from file: 5)  
 DIALOG(R)File 5: Biosis Previews(R)  
 (c) 2009 The Thomson Corporation. All rights reserved.

06855251 Biosis No.: 198375039194  
 PLATELET CONCENTRATES INFLUENCE OF DIFFERENT PREPARATIVE PROTOCOLS ON THE IN-VITRO R

Author: SNYDER E L (Reprint); KOERNER T A W JR; HEZZEY A  
 Author Address: DEP OF LAB MED, YALE UNIV SCH OF MED, NEW HAVEN, CT 06510, USA\*\*USA  
 Journal: Vox Sanguinis 43 ( 2 ): p 71-75 1982  
 ISSN: 0042-9007  
 Document Type: Article  
 Record Type: Abstract  
 Language: ENGLISH

Dialog eLink:  
 3/3/8 (Item 5 from file: 5)  
 DIALOG(R)File 5: Biosis Previews(R)  
 (c) 2009 The Thomson Corporation. All rights reserved.

06344549 Biosis No.: 198172078500  
 PROLONGED CRYO PRESERVATION OF HUMAN BONE MARROW

Author: PARKER L M (Reprint); BINDER N; GELMAN R; RICHMAN C M; WEINER R S; YANKEE R  
 Author Address: SIDNEY FARBER CANCER INST, 44 BINNEY ST, BOSTON, MASS 02115, USA\*\*US  
 Journal: Transplantation (Baltimore) 31 ( 6 ): p 454-457 1981  
 ISSN: 0041-1337  
 Document Type: Article  
 Record Type: Abstract  
 Language: ENGLISH

Dialog eLink:  
 3/3/9 (Item 6 from file: 5)  
 DIALOG(R)File 5: Biosis Previews(R)  
 (c) 2009 The Thomson Corporation. All rights reserved.

06224029 Biosis No.: 198171042988  
 EFFECT OF PLASTIC CONTAINERS ON LIQUID PRESERVATION OF HUMAN GRANULOCYTES 1. WITH AN

Author: CONTRERAS T J (Reprint); JEMIONEK J F; FRENCH J E; SHIELDS L J  
 Author Address: DEP EXP HEMATOL, ARMED FORCES RADIOBIOL RES INST, BETHESDA, MD 20014  
 Journal: Transfusion (Bethesda) 20 ( 5 ): p 519-530 1980  
 ISSN: 0041-1132  
 Document Type: Article  
 Record Type: Abstract  
 Language: ENGLISH

Dialog eLink:

3/3/10 (Item 1 from file: 24)

DIALOG(R)File 24: CSA Life Sciences Abstracts

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0000037057 IP Accession No: 157843

Prolonged Cryopreservation of Human Bone Marrow.

Parker, LM; Binder, N; Gelman, R; Richman, CM; Weiner, RS; Yankee, RA Sidney Farber Transplantation , v 31 , n 6 , p 454-457 , 1981

Addl. Source Info: Transplantation, vol. 31, no. 6, pp. 454-457, 1981

Publication Date: 1981

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0041-1337

File Segment: Immunology Abstracts

? ds

Set	Items	Description
S1	264	(GRANUL?) (N50) (POLYOLEFIN)
S2	237	RD (unique items)
S3	177	S1 AND PY<=2002
S4	36	S3 AND (POLYPROPYLENE OR POLYBUTYLENE OR POLYBUTADIENE)

? s s4 and (enzyme or protein)

Processing

	36	S4
	7151973	ENZYME
	17204799	PROTEIN
S5	0	S4 AND (ENZYME OR PROTEIN)

? s s4/full/all

>>>Possible typing error near /

? t s4/full/all

Dialog eLink:

4/9/1 (Item 1 from file: 155)

DIALOG(R)File 155: MEDLINE(R)

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06405178 PMID: 7423591

Effect of plastic containers on liquid preservation of human granulocytes. I. With a

Contreras T J; Jemionek J F; French J E; Shields L J

Transfusion ( UNITED STATES ) Sep-Oct 1980 , 20 (5) p519-30 , ISSN: 0041-1132--

Publishing Model Print

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Subfile: INDEX MEDICUS

We have characterized the effects of four types of plastic polymer containers--polyv  
 Descriptors: \*Blood Preservation; \*Deoxyribonucleases--pharmacology--PD; \*Granulocyt  
 CAS Registry No.: 0 (Plastics); 0 (Polymers); 50-23-7 (Hydrocortisone)  
 Enzyme No.: EC 3.1.- (Deoxyribonucleases)  
 Record Date Created: 19801218  
 Record Date Completed: 19801218

Dialog eLink:  
 4/9/2 (Item 1 from file: 5)  
 DIALOG(R)File 5: Biosis Previews(R)  
 (c) 2009 The Thomson Corporation. All rights reserved.

06224029 Biosis No.: 198171042988  
 EFFECT OF PLASTIC CONTAINERS ON LIQUID PRESERVATION OF HUMAN GRANULOCYTES 1. WITH AN

Author: CONTRERAS T J (Reprint); JEMIONEK J F; FRENCH J E; SHIELDS L J  
 Author Address: DEP EXP HEMATOL, ARMED FORCES RADIOBIOL RES INST, BETHESDA, MD 20014  
 Journal: Transfusion (Bethesda) 20 ( 5 ): p 519-530 1980  
 ISSN: 0041-1132  
 Document Type: Article  
 Record Type: Abstract  
 Language: ENGLISH

Abstract: The effects of 4 types of plastic polymer containers (polyvinyl chloride (

Registry Numbers: 9003-98-9: DNASE; 50-23-7: HYDROCORTISONE; 9002-86-2: POLYVINYL CH  
 Descriptors: POLYMORPHONUCLEAR LEUKOCYTE IN-VITRO RECOVERY VIABILITY MEMBRANE INTEGR  
 DESCRIPTORS:

Major Concepts: Blood and Lymphatics--Transport and Circulation; Endocrine System--C  
 Biosystematic Names: Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia  
 Common Taxonomic Terms: Animals; Chordates; Humans; Mammals; Primates; Vertebrates  
 Chemicals & Biochemicals: DNASE; HYDROCORTISONE; POLYVINYL CHLORIDE; POLYPROPYLEN  
 Concept Codes:

01006 Methods - Laboratory apparatus  
 01054 Microscopy - Cytology and cytochemistry  
 02508 Cytology - Human  
 04500 Mathematical biology and statistical methods  
 10060 Biochemistry studies - General  
 10064 Biochemistry studies - Proteins, peptides and amino acids  
 10504 Biophysics - Methods and techniques  
 10508 Biophysics - Membrane phenomena  
 10616 External effects - Temperature as a primary variable - cold  
 10804 Enzymes - Methods  
 10808 Enzymes - Physiological studies  
 12100 Movement  
 12510 Pathology - Necrosis  
 13012 Metabolism - Proteins, peptides and amino acids  
 15001 Blood - General and methods  
 15004 Blood - Blood cell studies  
 15008 Blood - Lymphatic tissue and reticuloendothelial system  
 17004 Endocrine - Adrenals  
 22003 Pharmacology - Drug metabolism and metabolic stimulators  
 22005 Pharmacology - Clinical pharmacology  
 22016 Pharmacology - Endocrine  
 22501 Toxicology - General and methods  
 23001 Temperature - General measurement and methods  
 23004 Temperature - Cryobiology  
 23006 Temperature - Hypothermia and hyperthermia  
 32600 In vitro cellular and subcellular studies



Biosystematic Codes:  
86215 Hominidae

Dialog eLink:  
4/9/3 (Item 1 from file: 34)  
DIALOG(R)File 34: SciSearch(R) Cited Ref Sci  
(c) 2009 The Thomson Corp. All rights reserved.

05867527 Genuine Article#: XD199 Number of References: 19  
New thermoplastic polyolefins elastomers from the novel multicatalysts reactor granu

Author: Collina G (REPRINT) ; Braga V; Sartori F  
Corporate Source: MONTELL ITALIA,G NATTA R&D CTR, PLE G DONEGANI 12/I-44100 FERRARA/  
Journal: POLYMER BULLETIN , 1997 , V 38 , N6 ( JUN ) , P 701-705  
ISSN: 0170-0839 Publication date: 19970600  
Publisher: SPRINGER VERLAG , 175 FIFTH AVE, NEW YORK, NY 10010  
Language: English Document Type: ARTICLE  
Geographic Location: ITALY  
Subfile: CC PHYS--Current Contents, Physical, Chemical & Earth Sciences  
Journal Subject Category: POLYMER SCIENCE  
Abstract: A new process for the sequential copolymerization of olefins has been devi  
Identifiers-- KeyWord Plus(R): POLYMERS  
Research Fronts: 95-0044 001 (FERROELECTRIC LIQUID-CRYSTALS; SADDLE-SPLAY ELASTICITY  
Cited References:

EP 395083, SACCHETTI M  
EP 472946, CECCHIN G  
EP 742257, BRAGA V  
WO 9611218, COLLINA G  
ALBIZZATI E, POLYPROPYLENE HDB  
BRINTZINGER HH, 1985, V63, P288, J ORGANOMET CHEM  
CECCHIN G, 1994, V78, P213, MACROMOL SYMP  
CHODAK I, 1995, V20, P1165, PROG POLYM SCI  
CORBELLI L, 1987, P 9 INT RUBB C GOTTW  
DE SK, THERMOPLASTIC ELASTO  
GALIMBERTI M, 1996, P METCON 96 HOUSTON  
GALLI P, 1995, V98, P1309, MACROMOL SYMP  
GALLI P, 1996, P IUPAC MACRO SEOUL  
GALLI P, 1984, P POLYMER ALLOYS STR  
GALLI P, 1985, V17, P37, POLYM J  
GALLI P, UNPUB J APPL POLYMER  
GILBERT M, 1979, V11, BRIT POLYMER J  
LEGGE NR, 1987, THERMOPLASTIC ELASTO  
VANDERVEN S, 1990, POLYPROPYLENE POLYOL

Dialog eLink:  
4/9/4 (Item 1 from file: 73)  
DIALOG(R)File 73: EMBASE  
(c) 2009 Elsevier B.V. All rights reserved.

0071985199 EMBASE No: 1981047824  
Effect of plastic containers on liquid preservation of human granulocytes. I. With  
Contreras T.J.; Jemionek J.F.; French J.E.; Shields L.J.  
Dept. Exp. Hematol., Armed Forces Radiobiol. Res. Inst., Bethesda, Md., United Sta  
Corresp. Author/Affil: : Dept. Exp. Hematol., Armed Forces Radiobiol. Res. Inst., B  
Transfusion ( TRANSFUSION ) ( United States ) December 1, 1980 , 20/5 (519-530)  
CODEN: TRANA ISSN: 0041-1132

Document Type: Journal ; Article Record Type: Abstract  
 Language: English

We have characterized the effects of four types of plastic polymer containers-poly

Manufacturer name: sigma/United States; upjohn/United States

Drug Descriptors:

\* deoxyribonuclease; \*hydrocortisone; \*plastic

Medical Descriptors:

\* leukocyte

blood and hemopoietic system; drug efficacy; human cell; in vitro study; normal huma

Medical Terms (Uncontrolled): cell preservation; granulocyte preservation

CAS Registry Number: 37211-67-9 (deoxyribonuclease); 50-23-7 (hydrocortisone)

SECTION HEADINGS:

Hematology

Drug Literature Index

Dialog eLink:

4/9/5 (Item 1 from file: 144)

DIALOG(R)File 144: Pascal

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13028306 PASCAL No.: 97-0313862

New thermoplastic polyolefins elastomers from the novel Multicatalysts  
 Reactor Granule Technology : their relevant physical-mechanical properties  
 after crosslinking

COLLINA G; BRAGA V; SARTORI F

Montell Italia, G. Natta R & D Center, P. le G. Donegani 12, 44100

Ferrara, Italy

Journal: Polymer bulletin : (Berlin),

1997, 38 (6) 701-705

ISSN: 0170-0839 CODEN: POBUDR Availability: INIST-17946  
 ; 354000061601220130

No. of Refs.: 18 ref.

Document Type: P (Serial) ; A (Analytic)

Country of Publication: Germany

Language: English

A new process for the sequential copolymerization of olefins has been devised (Multicatalysts Reactor Granule Technology); it allows the synthesis of thermoplastic polyolefin elastomers having polypropylene from Ti-based catalysts and ethylenepropylene rubbers from metallocenes. Such new materials have been cured with peroxides an the relevant mechanical properties measured in comparison with those of heterophasic copolymers synthesized with traditional catalysts. It resulted that the new materials present an improved balance between strength and elasticity, especially at high temperature.

English Descriptors: Propylene polymer; Heterogeneous mixture; Ethylene propylene rubber; Thermoplastic rubber; Vulcanizate; Preparation; Complex catalyst polymerization; Ziegler Natta catalyst; Supported catalyst; Successive reaction; Complex catalyst copolymerization; Metallocene-ACT; Vulcanization; Mechanical properties; Experimental study

French Descriptors: Propene polymere; Melange heterogene; Caoutchouc ethylene propene; Caoutchouc thermoplastique; Vulcanisat; Preparation; Polymerisation catalyseur complexe; Catalyseur Ziegler Natta; Catalyseur sur support; Reaction successive; Copolymerisation catalyseur complexe;

Metallocene-ACT; Vulcanisation; Propriete mecanique; Etude experimentale

Classification Codes: 001D09D02C

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4/9/6 (Item 1 from file: 156)

DIALOG(R)File 156: ToxFile

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163787 NLM Doc No: RISKLINE/1994040001 Sec. Source ID: RISKLINE/1994040001

Selected synthetic organic fibres

WHO working group

Source: Environmental Health Criteria Vol:151 (1993) 100 p

Pub. Year: 1993

Languages: ENGLISH

Record type: Completed

Subfile: RISKLINE

Identity, physical and chemical properties: Carbon/graphite fibres are filamentary f  
on concentrations in the environment was identified. Deposition, clearance, retentio

Identifiers: ANIMAL ; acute toxicity; subacute toxicity; subchronic toxicity; chroni

Record Date Created: 199405

4/9/7 (Item 1 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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137279901 CA: 137(19)279901k PATENT

Method for preparing nonhalogen fire-resistant polyolefin master granules

Inventor (Author): Liu, Fang; Jia, Demin; Wu, Xiaohua; Shuai, Danrong

Location: Peop. Rep. China,

Assignee: Hua'nun Univ. of Science and Engineering

Patent: Faming Zh. Sh. Gong. Shuom ; CN 1319613 A Date: 20011031

Application: CN 2001107484 (20010121)

Pages: 8 pp.

CODEN: CNXXEV

Language: Chinese

Patent Classifications:

Class: C08F-010/00A; C08F-008/00B

Section:

CA237002 Plastics Manufacture and Processing

Identifiers: polyolefin nonhalogen fireproofing agent master granule, methacrylic ac

Descriptors:

Polyphosphoric acids ...

ammonium salts, reaction products with olefin graft copolymers; method for prepg  
Fireproofing agents... Fire-resistant materials ...

method for prepg. nonhalogen fire-resistant polyolefin master granules

CAS Registry Numbers:

9003-07-0 method for prepg. nonhalogen fire-resistant polyolefin master granules

464934-03-0DP reaction products with halogen-free fireproofing agents, fireproofing

121367-75-7DP 133150-60-4DP 189179-66-6DP reaction products with halogen-free firepr

108-78-1DP 115-77-5DP 1309-42-8DP 21645-51-2DP reaction products with olefin graft c

7631-86-9DP 10192-46-8DP reaction products with olefin graft copolymers, method for

4/9/8 (Item 2 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
 (c) 2009 American Chemical Society. All rights reserved.

137248442 CA: 137(17)248442g PATENT  
 Granular composite additives containing antioxidants for polyolefins and manufacture  
 Inventor (Author): Tobita, Etsuo; Kouno, Toshinori; Takeuchi, Takashi; Dai, Naoko  
 Location: Japan,  
 Assignee: Asahi Denka Kogyo K. K.  
 Patent: Japan Kokai Tokkyo Koho ; JP 2002275326 A2 Date: 20020925  
 Application: JP 200177608 (20010319)  
 Pages: 12 pp.  
 CODEN: JKXXAF  
 Language: Japanese  
 Patent Classifications:  
 Class: C08L-023/10A; C08K-003/00B; C08K-005/13B; C08K-005/49B  
 Section:  
 CA237006 Plastics Manufacture and Processing  
 Identifiers: phenolic antioxidant granular composite additive polyolefin, dust free  
 Descriptors:  
 Antioxidants... Grains(particles)... Polyolefins ...  
 dust-free granular composite additives contg. antioxidants prepd. under regulate  
 Yellowing prevention ...  
 dust-free granular composite additives contg. antioxidants prepd. under regulate  
 Pelletization ...  
 dust-free granular composite additives contg. antioxidants prepd. under regulate  
 Fillers ...  
 in dust-free granular composite additives contg. antioxidants prepd. under regul  
 CAS Registry Numbers:  
 140221-14-3 antioxidant; in dust-free granular composite additives contg. antioxidan  
 6683-19-8 dust-free granular composite additives contg. antioxidants prepd. under re  
 9078-36-8 11097-59-9 12694-22-3 in dust-free granular composite additives contg. ant  
 9003-07-0 powd.; in dust-free granular composite additives contg. antioxidants prepd  
 7631-86-9 uses, amorphous, powd., filler; dust-free granular composite additives con  
 14807-96-6 uses, filler; dust-free granular composite additives contg. antioxidants

4/9/9 (Item 3 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
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136355900 CA: 136(23)355900f PATENT  
 Dust-free one-pack type granular composite additives for polyolefins, process for pr  
 Inventor (Author): Yukino, Toshinori; Takeuchi, Takashi; Tanji, Naoko; Tobita, Etsuo  
 Location: Japan,  
 Assignee: Asahi Denka Kogyo K. K.  
 Patent: PCT International ; WO 200236677 A1 Date: 20020510  
 Application: WO 2001JP9596 (20011101) \*JP 2000335707 (20001102)  
 Pages: 37 pp.  
 CODEN: PIXXD2  
 Language: Japanese  
 Patent Classifications:  
 Class: C08L-023/00A; C08K-005/52B  
 Designated Countries: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CO; CU; CZ  
 Designated Regional: GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ; UG; ZW; AT; BE; CH; CY;  
 Section:  
 CA237006 Plastics Manufacture and Processing  
 Identifiers: nucleating agent granular composite additive polyolefin, hindered pheno

## Descriptors:

Crystal nucleating agents... Antioxidants... Polyolefins ...

dust-free one-pack granular composite additives for polyolefins

Phenols,uses ...

hindered, antioxidants; dust-free one-pack granular composite additives for poly  
Carboxylic acids,uses ...

salts, alkali or alk. earth, nucleating agent; dust-free one-pack granular compo

CAS Registry Numbers:

31570-04-4 antioxidants; dust-free one-pack granular composite additives for polyole

9003-07-0 6683-19-8 dust-free one-pack granular composite additives for polyolefins

85209-91-2 532-32-1 151841-65-5 nucleating agent; dust-free one-pack granular compos

4/9/10 (Item 4 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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135258108 CA: 135(18)258108a PATENT

Manufacture of granular thermoplastic polymers with reduced energy by preheating the  
Inventor (Author): Witt, Michael; Anderlik, Rainer; Hofmann, Juergen; Kessler, Thoma  
Location: Germany,

Assignee: Basell Polyolefine GmbH

Patent: Germany Offen. ; DE 10013948 A1 Date: 20010927

Application: DE 10013948 (20000321)

Pages: 4 pp.

CODEN: GWXXBX

Language: German

Patent Classifications:

Class: B29B-009/06A; C08J-003/12B

Section:

CA238002 Plastics Fabrication and Uses

Identifiers: thermoplastic granule manuf energy saving, polyolefin granule manuf ene  
Descriptors:

Extrusion of plastics and rubbers... Granulation... Polyamides,uses... Polyesters,us  
manuf. of granular thermoplastic polymers with reduced energy by preheating ther  
Plastics,uses ...

thermoplastics; manuf. of granular thermoplastic polymers with reduced energy by

CAS Registry Numbers:

9002-88-4 9003-07-0 manuf. of granular thermoplastic polymers with reduced energy by

4/9/11 (Item 5 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

(c) 2009 American Chemical Society. All rights reserved.

135077698 CA: 135(6)77698x PATENT

Granular crystal nucleating agent compositions with good dispersibility and polyolef  
Inventor (Author): Kanegae, Keisuke; Takahashi, Hideyuki; Miyai, Toshiki

Location: Japan,

Assignee: Sakai Chemical Industry Co., Ltd.; Mitsui Chemicals Inc.

Patent: Japan Kokai Tokkyo Koho ; JP 2001181445 A2 Date: 20010703

Application: JP 99371964 (19991227)

Pages: 11 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08K-005/159A; C08K-003/18B; C08K-005/00B; C08K-005/101B; C08L-023/00B

Section:

CA237006 Plastics Manufacture and Processing

Identifiers: benzylidenesorbitol crystal nucleating agent polyolefin dispersibility,  
Descriptors:

Crystal nucleating agents... Soaps... Alkaline earth oxides... Alkaline earth hydrox  
granular crystal nucleating agent compns. with good dispersibility in polyolefin  
Tallow ...

tallow oil, bonding agents; granular crystal nucleating agent compns. with good

CAS Registry Numbers:

31566-31-1 112-92-5 bonding agents; granular crystal nucleating agent compns. with g  
81541-12-0 80124-42-1 19046-64-1 135861-56-2 1592-23-0 557-04-0 4485-12-5 1309-42-8  
74-85-1D 115-07-1D polymers, granular crystal nucleating agent compns. with good dis  
96492-31-8 Stabiace HT 1; granular crystal nucleating agent compns. with good disper  
244032-32-4 Stabiace HT-P; granular crystal nucleating agent compns. with good dispe  
9003-07-0 waxes, bonding agents; granular crystal nucleating agent compns. with good

4/9/12 (Item 6 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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134327234 CA: 134(23)327234g PATENT

Granular composite additives for polyolefins and their manufacture

Inventor (Author): Takahashi, Masayuki; Kono, Toshinori; Takeuchi, Takashi

Location: Japan,

Assignee: Asahi Denka Kogyo K. K.

Patent: Japan Kokai Tokkyo Koho ; JP 2001123021 A2 Date: 20010508

Application: JP 99303821 (19991026)

Pages: 11 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08L-023/02A; C08K-005/13B; C08K-005/524B; C08K-005/527B

Section:

CA237002 Plastics Manufacture and Processing

Identifiers: granular butylphenyl phosphate additive polyolefin, phenol antioxidant

Descriptors:

Antioxidants ...

phenolic; manuf. granular composite additives for polyolefins

CAS Registry Numbers:

6683-19-8 9003-07-0 85209-91-2 85209-93-4 manuf. granular composite additives for po

4/9/13 (Item 7 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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134296633 CA: 134(21)296633e PATENT

Polyolefin filler masterbatches and a production technology therefor

Inventor (Author): Wei, Maoting

Location: Peop. Rep. China,

Patent: Faming Zh. Sh. Gong. Shuom ; CN 1251851 A Date: 20000503

Application: CN 98120630 (19981019)

Pages: 12 pp.

CODEN: CNXXEV

Language: Chinese

Patent Classifications:

Class: C08L-091/06A

Section:

CA237006 Plastics Manufacture and Processing

Identifiers: filler masterbatch polyolefin extrusion granulation cooling, calcium ca  
Descriptors:

Aluminates... Titanates ...

coupling agents; extrusion and granulation and cooling in manuf. of polyolefin f

Antioxidants... Cooling... Coupling agents... Extrusion of plastics and rubbers... F

extrusion and granulation and cooling in manuf. of polyolefin filler masterbatch

Adhesion, physical ...

prevention of; extrusion and granulation and cooling in manuf. of polyolefin fil

CAS Registry Numbers:

6683-19-8 antioxidants; extrusion and granulation and cooling in manuf. of polyolefi

9003-07-0 31570-04-4 334778-32-4 extrusion and granulation and cooling in manuf. of

471-34-1 uses, extrusion and granulation and cooling in manuf. of polyolefin filler

4/9/14 (Item 8 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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134005737 CA: 134(1)5737r PATENT

Granular material for polyolefin fibers-based artificial lawn

Inventor (Author): Tanaka, Nobuhiro

Location: Japan,

Assignee: Sekisui Chemical Co., Ltd.

Patent: Japan Kokai Tokkyo Koho ; JP 2000328510 A2 Date: 20001128

Application: JP 99141762 (19990521)

Pages: 6 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: E01C-013/08A

Section:

CA238003 Plastics Fabrication and Uses

CA240XXX TEXTILES AND FIBERS

Identifiers: polyethylene polypropylene fiber artificial lawn, sand filled polyolefi

Descriptors:

Styrene-butadiene rubber, uses ...

back packing; granular material for polyolefin fibers-based artificial lawn

Polyolefin fibers ...

ethylene; granular material for polyolefin fibers-based artificial lawn

Antioxidants... Light stabilizers... Polypropene fibers, uses... Sand ...

granular material for polyolefin fibers-based artificial lawn

Grass(Poaceae) ...

lawn, artificial; granular material for polyolefin fibers-based artificial lawn

CAS Registry Numbers:

71878-19-8 Chimassor B 944, light stabilizers; granular material for polyolefin fibe

25085-53-4 fibers; granular material for polyolefin fibers-based artificial lawn

53664-39-4 granular material for polyolefin fibers-based artificial lawn

6683-19-8 Irganox 1010, antioxidants; granular material for polyolefin fibers-based

9002-88-4 KL 370C, fibers; granular material for polyolefin fibers-based artificial

9003-55-8 styrene-butadiene rubber, back packing; granular material for polyolefin f

4/9/15 (Item 9 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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133360009 CA: 133(26)360009q PATENT

Net bags packed with slimicides

Inventor (Author): Funae, Haruyoshi; Yoshida, Mitsuo

Location: Japan,

Assignee: Mitsubishi Paper Mills, Ltd.

Patent: Japan Kokai Tokkyo Koho ; JP 2000317461 A2

Date: 20001121

Application: JP 99126657 (19990507)

Pages: 11 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C02F-001/50A; C02F-001/50B; A47J-047/20B; D21H-021/36B

Section:

CA205002 Agrochemical Bioregulators

Identifiers: net bag slimicide bactericide fungicide granule, nonwoven fabric impreg

Descriptors:

Polypropene fibers, biological studies ...

bicomponent with polyethylene fiber, nonwoven fabric from polyester fibers and;

Polyurethanes, biological studies ...

carrier; slime control net bags packed with granules or nonwoven fabrics contg.

Acrylic polymers, biological studies ...

carriers; slime control net bags packed with granules or nonwoven fabrics contg.

Polyolefin fibers ...

ethylene, bicomponent with polypropylene fiber, nonwoven fabric from polyester f

Cellulose pulp ...

kraft, carboxymethylated; slime control net bags packed with granules or nonwove

Polyester fibers, biological studies ...

nonwoven fabrics from polyethylene-polypropylene composite fibers and; slime con

Synthetic fibers ...

nonwoven, net bag, US 316; slime control net bags packed with granules or nonwov

Antibacterial agents... Bags... Fungicides... Nets... Nonwoven fabrics ...

slime control net bags packed with granules or nonwoven fabrics contg. antibacte

Biocides ...

slimicides; slime control net bags packed with granules or nonwoven fabrics cont

CAS Registry Numbers:

7758-98-7 7761-88-8 biological studies, slime control net bags packed with granules

9003-55-8 97622-61-2 122878-75-5 carrier; slime control net bags packed with granule

25085-53-4 fiber, bicomponent with polyethylene fiber, nonwoven fabric from polyeste

9002-88-4 fiber, bicomponent with polypropylene fiber, nonwoven fabric from polyeste

211366-20-0 fiber binder; slime control net bags packed with granules or nonwoven fa

3811-73-2 7779-88-6 9004-65-3 slime control net bags packed with granules or nonwove

4/9/16 (Item 10 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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131258435 CA: 131(19)258435x PATENT

Woody polymer compositions for moldings with improved appearance, gloss, and touch

Inventor (Author): Akeboshi, Koji

Location: Japan,

Assignee: Echo Polymer K. K.

Patent: Japan Kokai Tokkyo Koho ; JP 99269316 A2 ; JP 11269316

Date: 19991005

Application: JP 9892264 (19980323)

Pages: 7 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08L-023/00A; C08L-001/00B; C08L-025/04B; C08L-033/12B; C08L-069/00B; C08

Section:



CA237006 Plastics Manufacture and Processing

CA243XXX Cellulose, Lignin, Paper, and Other Wood Products

Identifiers: polyolefin cellulose granule blend woody compn, polypropylene sawdust m  
Descriptors:

Polycarbonates, properties... Polyolefins... Polyoxyphenylenes... Sawdust... Wood sub  
woody polymer compns. for moldings with improved appearance, gloss, and touch

CAS Registry Numbers:

9003-07-0D maleated, woody polymer compns. for moldings with improved appearance, gl  
24936-68-3 properties, woody polymer compns. for moldings with improved appearance,  
108-31-6D reaction products with polypropylene, woody polymer compns. for moldings w  
9003-56-9 Techno ABS 400; woody polymer compns. for moldings with improved appearanc  
9003-53-6 9011-14-7 25037-45-0 87110-88-1 106565-43-9 244622-18-2 woody polymer comp

4/9/17 (Item 11 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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129231163 CA: 129(18)231163d PATENT

Deodorization of polyolefin granules

Inventor (Author): Dolle, Volker; Carrion, Eduardo Chicote; Schoeneborn, Paul-Richar

Location: Germany,

Assignee: Targor G.m.b.H.

Patent: Germany Offen. ; DE 19709553 A1 Date: 19980910

Application: DE 19709553 (19970307)

Pages: 8 pp.

CODEN: GWXXBX

Language: German

Patent Classifications:

Class: C08F-006/28A; C08F-010/00B; B29C-063/00B; A47G-023/00B; E03B-007/00B

Section:

CA235004 Chemistry of Synthetic High Polymers

Identifiers: polyolefin granule deodorization water vapor, nitrogen water vapor poly

Descriptors:

Deodorization... Polyolefins... Water vapor ...

deodorization of polyolefin granules with water vapor-nitrogen mixt.

Water distribution systems ...

deodorization of polyolefin granules with water vapor-nitrogen mixt. for use in

Containers... Household furnishings ...

glasses; deodorization of polyolefin granules with water vapor-nitrogen mixt. fo

CAS Registry Numbers:

9003-07-0 deodorization of polyolefin granules with water vapor-nitrogen mixt.

7727-37-9 uses, gas; deodorization of polyolefin granules with water vapor or

4/9/18 (Item 12 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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127052097 CA: 127(4)52097x PATENT

Preparation of vulcanizable rubber composition from granular rubber blends and tires

Inventor (Author): Smith, Gregory George; Bernier, Robert Joseph Noel

Location: USA

Assignee: Union Carbide Chemicals & Plastics Technology Corporation

Patent: European Pat. Appl. ; EP 775719 A2 Date: 19970528

Application: EP 96308442 (19961121) \*US 7448 (19951122) \*US 724888 (19961003)

Pages: 8 pp.

CODEN: EPXXDW

Language: English

Patent Classifications:

Class: C08J-003/00A; C08J-003/20B; C08L-021/00R

Designated Countries: AT; BE; DE; ES; FR; GB; GR; IT; NL; PT; SE

Section:

CA239013 Synthetic Elastomers and Natural Rubber

Identifiers: rubber vulcanizable compn interdispersion degree, granular rubber blend

Descriptors:

Synthetic rubber,uses ...

acrylonitrile-isoprene, granular, blend; prepn. of vulcanizable rubber compn. fr

Synthetic rubber,uses ...

butadiene-isoprene, granular, blend; prepn. of vulcanizable rubber compn. from g

Synthetic rubber,uses ...

butadiene-isoprene-styrene, granular, blend; prepn. of vulcanizable rubber compn

Silicone rubber,uses ...

di-Me, granular, blend; prepn. of vulcanizable rubber compn. from granular rubbe

EPDM rubber ...

ethylene-ethylidenenorbornene-propene, granular, blend; prepn. of vulcanizable r

Synthetic rubber,uses ...

ethylene-trimethoxyvinylsilane, granular, blend; prepn. of vulcanizable rubber c

Butadiene rubber,uses ...

granular, blend with EPDM; prepn. of vulcanizable rubber compn. from granular ru

EPDM rubber ...

granular, blend with polybutadiene; prepn. of vulcanizable rubber compn. from gr

ABS rubber... Brominated butyl rubber... Butyl rubber,uses... Chlorinated butyl rubb

granular, blend; prepn. of vulcanizable rubber compn. from granular rubber blend

Natural rubber,uses ...

granular, blend; prepn. of vulcanizable rubber compn. from granular rubber blend

Synthetic rubber,uses ...

isobutylene-methylstyrene, brominated, granular, blend; prepn. of vulcanizable r

Polymer blends ...

prepn. of vulcanizable rubber compn. from granular rubber blends and tires there

Tires ...

prepn. of vulcanizable rubber compn. from granular rubber blends for

Tires ...

sidewalls; prepn. of vulcanizable rubber compn. from granular rubber blends for

CAS Registry Numbers:

9003-56-9 abs rubber, granular, blend; prepn. of vulcanizable rubber compn. from gra

9010-85-9D brominated, brominated butyl rubber, granular, blend; prepn. of vulcaniza

61128-14-1D brominated, rubber, blend; prepn. of vulcanizable rubber compn. from gra

9003-17-2 butadiene rubber, granular, blend with EPDM; prepn. of vulcanizable rubber

9010-85-9 butyl rubber, granular, blend; prepn. of vulcanizable rubber compn. from g

9010-85-9D chlorinated, chlorinated butyl rubber, granular, blend; prepn. of vulcani

9010-85-9D chlorinated or brominated, rubber, blend; prepn. of vulcanizable rubber c

9010-79-1 ethylene-propylene rubber, granular, blend; prepn. of vulcanizable rubber

9003-31-0 isoprene rubber, granular, blend; prepn. of vulcanizable rubber compn. fro

25038-32-8 isoprene-styrene rubber, granular, blend; prepn. of vulcanizable rubber c

9010-98-4 neoprene rubber, granular, blend; prepn. of vulcanizable rubber compn. fro

9003-18-3 nitrile rubber, granular, blend; prepn. of vulcanizable rubber compn. from

9003-56-9 9016-00-6 25014-11-3 25038-32-8 25038-36-2 25102-52-7 26602-62-0 28702-43-

9003-55-8 styrene-butadiene rubber, granular, blend; prepn. of vulcanizable rubber c

4/9/19 (Item 13 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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125222759

CA: 125(18)222759t

PATENT

Solid catalyst components and polymerization catalysts for manufacturing granular st

Inventor (Author): Tanaka, Eiji; Shimizu, Fumihiko; Mitsuya, Kenji; Tamaoki, Tatsuro  
 Location: Japan,  
 Assignee: Mitsubishi Chem Corp  
 Patent: Japan Kokai Tokkyo Koho ; JP 96176226 A2 ; JP 08176226 Date: 960709  
 Application: JP 94320666 (941222)  
 Pages: 11 pp.  
 CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08F-004/658A; C08F-010/00B

Section:

CA235003 Chemistry of Synthetic High Polymers

Identifiers: olefin polymn catalyst magnesium titanium, silane aluminum catalyst pol

Descriptors:

Alkenes, polymers, preparation... Polymerization catalysts ...

manuf. of granular stereoregular polyolefins using magnesium-silicon-titanium an

CAS Registry Numbers:

17865-32-6 catalysts contg.; manuf. of granular stereoregular polyolefins

25085-53-4P manuf. of granular stereoregular polyolefins using magnesium-silicon-tit

78-10-4 84-66-2 1174-72-7 2414-98-4 5593-70-4 solid catalysts prepd. from; manuf. of

97-93-8 uses, catalysts contg.; manuf. of granular stereoregular polyolefins

7550-45-0 uses, solid catalysts prepd. from; manuf. of granular stereoregular polyol

4/9/20 (Item 14 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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124290591 CA: 124(22)290591m PATENT

Polymerization catalysts for olefins and manufacture of stereoregular polyolefin gra

Inventor (Author): Tanaka, Eiji; Shimizu, Fumihiko

Location: Japan,

Assignee: Mitsubishi Kagaku Kk

Patent: Japan Kokai Tokkyo Koho ; JP 9603213 A2 ; JP 0803213 Date: 960109

Application: JP 94143251 (940624)

Pages: 12 pp.

CODEN: JKXXAF

Language: Japanese

Patent Classifications:

Class: C08F-004/658A; C08F-010/00B

Section:

CA235004 Chemistry of Synthetic High Polymers

Identifiers: stereoregularity polypropylene manuf catalyst, Ziegler Natta catalyst p

Descriptors:

Alkenes, polymers, preparation... Polymerization catalysts, Ziegler-Natta ...

manuf. of stereoregular polyolefin particles by using Ziegler-Natta catalysts

CAS Registry Numbers:

78-10-4 84-66-2 1174-72-7 2414-98-4 5593-70-4 17865-54-2 catalysts prepd. from; manu

9003-07-0P 106565-43-9P manuf. of stereoregular polyolefin particles by using Ziegle

97-93-8 108-95-2 7550-45-0 uses, catalysts prepd. from; manuf. of stereoregular poly

Dialog eLink:

4/9/21 (Item 15 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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118148673

CA: 118(16)148673x

JOURNAL

Preparation of concentrates of polyolefins granulated in a liquid medium  
 Author: Babenko, S. A.; Mironov, V. M.; Semakina, O. K.; Sidorenko, A. A.; Chernov,  
 Location: Russia,  
 Journal: Plast. Massy  
 Date: 1992  
 Number: 6 Pages: 32-4  
 CODEN: PLMSAI  
 ISSN: 0554-2901  
 Language: Russian  
 Section:  
   CA237006 Plastics Manufacture and Processing  
   CA251XXX Fossil Fuels, Derivatives, and Related Products  
 Identifiers: polyethylene conc granulation petroleum residue, polypropylene carbon c  
 Descriptors:  
 Petroleum resins,asphaltenes ...  
   filled polyolefin conc. prepn. in liq. medium contg.  
 Carbon black,miscellaneous... Carbon fibers,uses ...  
   polyolefin concs. contg., prepn. of, by granulation in presence of asphaltene-co  
 CAS Registry Numbers:  
 9003-07-0 carbon-filled, conc. prepn. from, by granulation in presence of asphaltene  
 9002-88-4 low-d., carbon-filled, conc. prepn. from, by granulation in presence of as

4/9/22 (Item 16 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
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117235243           CA: 117(24)235243e           PATENT  
 Coating polyolefin granules with processing additives in a fluidized bed  
 Inventor (Author): Chatterjee, Ananda M.  
 Location: USA  
 Assignee: Shell Oil Co.  
 Patent: United States ; US 5141772 A           Date: 920825  
 Application: US 779670 (911021)  
 Pages: 4 pp.  
 CODEN: USXXAM  
 Language: English  
 Patent Classifications:  
   Class: 427213000; B05D-007/24A  
 Section:  
   CA237006 Plastics Manufacture and Processing  
 Identifiers: polyolefin granule coating processing additives, hydrotalcite coating p  
 Descriptors:  
 Alkenes,polymers,polymers ...  
   coating of granules of, with aq. dispersions of processing additives in fluidize  
 Antioxidants... Light stabilizers ...  
   coating with aq. dispersions of, of polypropylene granules in fluidized beds  
 Coating process,fluidized-bed ...  
   of polyolefin granules with aq. dispersions of processing additives  
 CAS Registry Numbers:  
 1592-23-0 99628-16-7 acid-acceptors, coating with aq. dispersions of, of polypropyle  
 1709-70-2 antioxidants, coating with aq. dispersions of, of polypropylene granules i  
 9003-07-0 coating of granules of, with aq. dispersions of processing additives in fl  
 6683-19-8 31570-04-4 118387-09-0 coating with aq. dispersions of, of polypropylene g

4/9/23 (Item 17 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
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117091522 CA: 117(10)91522v PATENT  
 Process for preparing a colored thermoplastic material and colored thermoplastic com  
 Inventor (Author): Chow, Wai Yan; Maille, Gerald Emile Amedee; Thibaudeau, Jean Pier  
 Location: UK,  
 Assignee: Exxon Chemical Ltd.; Exxon Chemical Patents Inc.  
 Patent: PCT International ; WO 9204399 A1 Date: 920319  
 Application: WO 91EP1747 (910910) \*GB 9019761 (900910)  
 Pages: 20 pp.  
 CODEN: PIXXD2  
 Language: English  
 Patent Classifications:  
 Class: C08J-003/20A; C08J-005/04B  
 Designated Countries: JP; US  
 Designated Regional: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LU; NL; SE  
 Section:  
 CA237006 Plastics Manufacture and Processing  
 CA238XXX Plastics Fabrication and Uses  
 CA242XXX Coatings, Inks, and Related Products  
 Identifiers: polypropylene powder colored, wax pigment surface coloring polyolefin,  
 Descriptors:  
 Carbon black,uses ...  
 coating by Holcobatch C Black 93909, of polyolefin in economical process  
 Carbon fibers,uses... Ceramic materials and wares,fibers... Glass fibers,uses... Met  
 composites contg., colored by pigment coated plastic granules  
 Polyamides,miscellaneous... Polycarbonates,miscellaneous... Polyesters,miscellaneous  
 granules, coating of, with wax/pigment in economical process  
 Coating process ...  
 of pigment on surface of polyolefin granules, in economical way, for colored pla  
 Alkenes,polymers,polymers ...  
 wax, contg. pigment, for coating in economical way on polyolefin granule  
 CAS Registry Numbers:  
 142986-21-8 coating by, contg. carbon black, of polyolefin in economical process  
 9002-86-2 9003-07-0 9003-53-6 granules, coating of, with wax/pigment in economical p  
 9002-88-4 wax, contg. pigment, for coating in economical way on polyolefin granule

4/9/24 (Item 18 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
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116215191 CA: 116(22)215191n PATENT  
 Polyolefin granules modified by graft suspension polymerization  
 Inventor (Author): Imai, Akio; Furuta, Motonobu  
 Location: Japan,  
 Assignee: Sumitomo Chemical Co., Ltd.  
 Patent: Japan Kokai Tokkyo Koho ; JP 91273014 A2 ; JP 03273014 Date: 911204  
 Application: JP 9075221 (900322)  
 Pages: 12 pp.  
 CODEN: JKXXAF  
 Language: Japanese  
 Patent Classifications:  
 Class: C08F-255/00A; C08F-002/20B  
 Section:  
 CA235008 Chemistry of Synthetic High Polymers  
 Identifiers: polypropylene graft suspension polymn, acrylonitrile styrene propylene  
 Descriptors:  
 Polyoxalylenes,block,uses ...

dispersing agents, for graft polymn. of vinyl monomers on polyolefins  
 Dispersing agents ...  
 ethoxylated propoxylated alkylenediamine block copolymers and polyethylenepropyl  
 Polymerization, graft, suspension ...  
 of polyolefins, dispersing agents for  
 CAS Registry Numbers:  
 7758-87-4 dispersing agents, contg. ethoxylated propoxylated ethylenediamine block c  
 106392-12-5 110617-70-4 dispersing agents, for graft polymn. of vinyl monomers on po  
 106826-12-4P 106826-13-5P 115180-57-9P 123809-11-0P 132076-21-2P 132236-94-3P manuf.

4/9/25 (Item 19 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
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114124115 CA: 114(14)124115h PATENT  
 Manufacture of thermoplastic granular polymers containing inorganic fillers  
 Inventor (Author): Soltysiak, Feliks; Kulinski, Wladyslaw; Eugeniusz, Adolf; Szczerb  
 Location: Pol.  
 Assignee: Spoldzielnia Pracy Chemikow "Xenon"  
 Patent: Poland ; PL 149873 B1 Date: 900331  
 Application: PL 263393 (861230)  
 Pages: 7 pp. Abstracted and indexed from the unexamined application.  
 CODEN: POXXA7  
 Language: Polish  
 Patent Classifications:  
 Class: C08J-003/12A; C08K-009/04B; C08L-023/00B  
 Section:  
 CA238003 Plastics Fabrication and Uses  
 Identifiers: polyolefin granulate inorg filler addn, polyethylene granulate inorg fi  
 Descriptors:  
 Packaging materials... Toys ...  
 inorg.-filled polyolefin granulate for, prepn. of  
 Particle size ...  
 of inorg. fillers, in manuf. of polyolefin granulate  
 Adhesion... Dispersion ...  
 of inorg. fillers in polyolefin granulate, improvement of  
 Hydrocarbons, uses and miscellaneous ...  
 polyolefins contg., for improved adhesion and dispersion of inorg. fillers  
 Paraffin oils ...  
 polyolefins contg., for improved dispersions and adhesion of inorg. fillers  
 CAS Registry Numbers:  
 9002-88-4 9003-07-0 granulate, chalk-filled, impact-resistant, filler dispersion and  
 4568-28-9 polyolefins contg., for improved adhesion and dispersion of inorg. fillers

Dialog eLink:  
 4/9/26 (Item 20 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
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112100191 CA: 112(12)100191n JOURNAL  
 Apparatus for purification of granular thermoplastics by a dry procedure  
 Author: Kirsanov, V. A.; Novoselov, A. M.; Slavyanskii, V. N.; Mordkovich, E. M.; Ka  
 Location: USSR  
 Journal: Plast. Massy  
 Date: 1989  
 Number: 8 Pages: 47-9

CODEN: PLMSAI  
 ISSN: 0554-2901  
 Language: Russian  
 Section:

CA238003 Plastics Fabrication and Uses

Identifiers: polyolefin granulate impurity removal app, polystyrene granulate impuri  
 Descriptors:

Plastics,thermo- ...

sepn. of impurities from granulated, app. for

CAS Registry Numbers:

9002-88-4 9003-07-0 9003-53-6 sepn. of impurities from granulated, app. for

4/9/27 (Item 21 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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112057472 CA: 112(8)57472r PATENT

Electrically insulating, thermoplastic or curable, granulatable rubber-polyolefin bl  
 Inventor (Author): Karger-Kocsis, Jozsef; Kozma, Balazs; Schober, Miklos; Kasza, Kar  
 Location: Hung.

Assignee: TAURUS Gumiipari Vallalat; Magyar Kabel Muvek

Patent: Hungary Teljes ; HU 47615 A2 Date: 890328

Application: HU 864555 (861030)

Pages: 20 pp.

CODEN: HUXXB

Language: Hungarian

Patent Classifications:

Class: C08L-021/00A; C08L-023/00B

Section:

CA237006 Plastics Manufacture and Processing

CA276XXX Electric Phenomena

Identifiers: EPDM polyolefin blend elec insulator, semiconducting elec insulator rub  
 Descriptors:

Carbon black,uses and miscellaneous ...

elec. conducting, rubber-polyolefin-polypropylene blends contg., semiconducting

Semiconductor materials ...

elec. insulating, rubber-polyolefin-polypropylene blends, granulatable

Rubber,butyl,uses and miscellaneous ...

polyolefin-polypropylene blends contg. BK 1675, elec. insulating granulatable

Rubber,ethylene-propene ...

polyolefin-polypropylene blends contg. Dutral GO 054, elec. insulating, granulat

Rubber,synthetic, EPDM... Rubber,synthetic, ethylene-ethylidenenorbornene-propene ..

polyolefin-polypropylene blends contg., elec. insulating granulatable

Plastics ...

polyolefin-polypropylene-rubber blends, elec. insulating granulatable

Electric insulators and Dielectrics ...

rubber-polyolefin-polypropylene blends, granulatable

CAS Registry Numbers:

9002-88-4 low-d., rubber-polypropylene blends contg. Tipolen 40019, elec. insulating

25038-36-2 rubber, polyolefin-polypropylene blends contg., elec. insulating granulat

9003-07-0 rubber-polyolefin blends contg., elec. insulating granulatable

9010-79-1 9010-86-0 rubber-polypropylene blends contg., elec. insulating granulatabl

24937-78-8 rubber-polypropylene blends contg. Evatane 2805, elec. insulating granula

4/9/28 (Item 22 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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111176106 CA: 111(20)176106p PATENT  
 Concentrated dispersion of organic pigments for polyolefin fiber dyeing  
 Inventor (Author): Ondrejmiska, Koloman; Marcincin, Anton; Samuhel, Jozef; Szentivan  
 Location: Czech.  
 Patent: Czechoslovakia ; CS 258624 B1 Date: 890315  
 Application: CS 861382 (860227)  
 Pages: 3 pp.  
 CODEN: CZXXA9  
 Language: Slovak  
 Patent Classifications:  
 Class: C08J-003/22A; D01F-001/04B  
 Section:  
 CA240006 Textiles  
 Identifiers: anthraquinone dye conc fiber dyeing, polypropylene dye conc fiber dyein  
 Descriptors:  
 Dyeing ...  
 of fibers, concd. dispersions of polyolefin-dye for  
 Dyes, anthraquinone... Dyes, azo ...  
 polyolefin granulate contg., for dyeing olefin fibers  
 CAS Registry Numbers:  
 9003-07-0 granulate, high/low viscosity blend, contg. dye, for dyeing olefin fibers  
 9002-88-4 oil, polypropylene granulate contg. dye and, for dyeing olefin fibers

4/9/29 (Item 23 from file: 399)  
 DIALOG(R)File 399: CA SEARCH(R)  
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111155192 CA: 111(18)155192y PATENT  
 Inorg. fiber-reinforced thermoplastic polyolefin compositions and their manufacture  
 Inventor (Author): Nomura, Manabu; Wada, Kaoru  
 Location: Japan,  
 Assignee: Idemitsu Petrochemical Co., Ltd.  
 Patent: European Pat. Appl. ; EP 319924 A2 Date: 890614  
 Application: EP 88120376 (881206) \*JP 87311192 (871208) \*JP 8758027 (880311)  
 Pages: 22 pp.  
 CODEN: EPXXDW  
 Language: English  
 Patent Classifications:  
 Class: C08K-007/04A; C08L-023/02B; C08K-007/08B  
 Designated Countries: DE; FR; GB; IT  
 Section:  
 CA237006 Plastics Manufacture and Processing  
 Identifiers: polypropylene molding inorg fiber reinforced, magnesium oxysulfate fibe  
 Descriptors:  
 Synthetic fibers, magnesium oxide sulfate ...  
 granulated, polyolefin with high strength and good appearance contg.  
 Alkenes, polymers, polymers ...  
 inorg. fiber-reinforced, with high strength and good appearance  
 Granulation ...  
 of magnesium oxysulfate fibers, for polyolefin moldings  
 Plastics, reinforced, inorg. fiber- ...  
 of polyolefins, with high strength and good appearance  
 CAS Registry Numbers:  
 98668-15-6 fibers, granulated, polyolefins with high strength and good appearance co  
 9002-88-4 9003-07-0 9003-56-9 9010-79-1 inorg. fiber-reinforced, with high strength  
 74-85-1D polymers with alpha olefins, inorg. fiber-reinforced, with high strength an



Dialog eLink:

4/9/30 (Item 24 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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106033521 CA: 106(6)33521f JOURNAL  
 Formation and growth of polypropylene and polyethylene particles during olefin polym  
 Author: Mkrtchyan, S. A.; Uvarov, B. A.; Tsvetkova, V. I.; Tovmasyan, Yu. M.; Chisty  
 Location: Inst. Khim. Fiz., Moscow, USSR  
 Journal: Vysokomol. Soedin., Ser. A  
 Date: 1986  
 Volume: 28 Number: 10 Pages: 2108-14  
 CODEN: VYSAAF  
 ISSN: 0507-5475  
 Language: Russian  
 Section:  
 CA235004 Chemistry of Synthetic High Polymers  
 Identifiers: propylene polymn supported titanium catalyst, ethylene polymn supported  
 Descriptors:  
 Polymerization ...  
 of ethylene and propylene, in presence of divinylbenzene-styrene copolymer-suppo  
 Particles ...  
 of polyethylene and polypropylene, formation and growth of, in presence of divin  
 Polymer morphology ...  
 of polyethylene and polypropylene particles prepd. in presence of divinylbenzene  
 Polymerization catalysts,Ziegler-Natta ...  
 titanium trichloride, divinylbenzene-styrene copolymer-supported, polyethylene a  
 CAS Registry Numbers:  
 9003-70-7 catalysts supports, for titanium trichloride, polyethylene and polypropyle  
 7705-07-9 uses and miscellaneous, catalysts, divinylbenzene-styrene copolymer-suppor

4/9/31 (Item 25 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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105228017 CA: 105(26)228017h PATENT  
 Determination of dye concentration in polyolefins  
 Inventor (Author): Marcincin, Anton; Zemanova, Elena; Ondrejmiska, Koloman; Harmania  
 Location: Czech.  
 Patent: Czechoslovakia ; CS 232309 B1 Date: 860715  
 Application: CS 822625 (820414)  
 Pages: 6 pp.  
 CODEN: CZXXA9  
 Language: Slovak  
 Patent Classifications:  
 Class: G01N-021/27A  
 Section:  
 CA137006 Plastics Manufacture and Processing  
 CA140XXX Textiles  
 Identifiers: polyolefin dye detn photometric, fiber polyolefin photometric dye detn  
 Descriptors:  
 Polyolefin fibers ...  
 detn. of dye concn. in, photometric  
 Pigments ...  
 detn. of, in polyolefin fibers and granules, photometric

Dyes ...

detn. of, photometric, in polyolefin fibers and granules  
Spectrochemical analysis, spectrophotometric ...  
of dyes in polyolefin fibers and granules

Alkenes, polymers ...

polymers, detn. of dye concn. in, photometric

CAS Registry Numbers:

9003-07-0 detn. of dye concn. in granules of, photometric

5280-80-8 detn. of, in polypropylene, photometric

4/9/32 (Item 26 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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104150092 CA: 104(18)150092m PATENT

Granulated filler for polyolefins and polystyrene

Inventor (Author): Zal'yants, G. A.; Makarova, N. A.; Mnatsakanov, S. S.; Kovalenya,

Location: USSR

Patent: USSR ; SU 1168572 A1 Date: 850723

Application: SU 3485890 (820825)

4/9/33 (Item 27 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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99054586 CA: 99(8)54586h PATENT

Granulated material

Inventor (Author): Matsuyama, Kiyoshi; Ochi, Kenji; Ogawa, Hiroyuki; Suzuki, Takatos

Location: Japan,

Assignee: Sumitomo Chemical Co., Ltd.

Patent: Germany Offen. ; DE 3241395 A1 Date: 830526

Application: DE 3241395 (821109) \*JP 81/180049 (811109)

Pages: 23 pp.

CODEN: GWXXBX

Language: German

Patent Classifications:

Class: C08L-023/02; C08K-003/00; C08J-003/12; C08J-003/22; B01J-002/28

Section:

CA137006 Plastics Manufacture and Processing

Identifiers: polypropylene isotactic filler granulation, polyolefin polypropylene fi

Descriptors:

Granulation ...

of fillers with cryst. polyolefin powders

CAS Registry Numbers:

9002-88-4 9003-07-0 binders, for granulation of powd. isotactic polypropylene and fi

13983-17-0 fillers, granulation of powd. isotactic polypropylene and

25085-53-4 granulation of powd., with powd. fillers and binders

471-34-1 7631-86-9 14807-96-6 uses and miscellaneous, fillers, granulation of powd.

4/9/34 (Item 28 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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95116534 CA: 95(14)116534t PATENT

Granular additive for thermoplastics

Inventor (Author): Nicolaus, Manfred

Location: Fed. Rep. Ger.

Assignee: Nicolaus, Manfred, Kunststoff-Farben G.m.b.H. und Co. K.-G.

Patent: Germany Offen. DE 3002753

Date: 810730

Application: Germany DE 3002753

Date: 800124

Pages: 8 pp.

CODEN: GWXXBX

Language: German

Patent Classifications:

Class: C08L-023/06; C08L-023/10; C08K-003/26; C08K-005/01;

Section:

CA036006 Plastics Manufacture and Processing

Identifiers: calcium carbonate additive polyolefin, polyethylene additive calcium ca

Descriptors:

Plastics,molded ...

polyolefin blends, calcium carbonate-contg.

CAS Registry Numbers:

9002-88-4 9003-07-0 calcium carbonate-polyolefin mixts. as granular additives for

115-07-1D polymers, calcium carbonate-polyolefin mixts. as granular additives for

471-34-1 uses and miscellaneous, granular additives contg. polyolefins and, for poly

4/9/35 (Item 29 from file: 399)

DIALOG(R)File 399: CA SEARCH(R)

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91108490 CA: 91(14)108490c PATENT

Silane-grafted thermoplastic polymers

Location: Australia

Assignee: ICI Australia Ltd.

Patent: Britain GB 1542543

Date: 790321

Application: Australia AU 765378

Date: 760326

Pages: 11 pp.

CODEN: BRXXAA

Language: English

Patent Classifications:

Class: C08F-008/00;

Section:

CA035006 Synthetic High Polymers

Identifiers: ethylene vinyltriethoxysilane graft copolymer, silane vinyllethoxy ethyl

Descriptors:

Crosslinking catalysts ...

dibutyltin dilaurate, for silane-grafted polyolefin granules and sheets

Siloxanes and Silicones, reactions ...

graft polymn. and crosslinking of, with polyolefins

Polymerization,graft, radiation-induced ...

of polyethylene and polypropylene with silanes, as granules and sheets

Crosslinking ...

of silane-grafted polyolefin granules and sheets, by water

CAS Registry Numbers:

77-58-7 catalysts, for crosslinking of olefin-silane graft copolymers

29503-87-5P 35312-82-4P 40704-86-7P 63120-13-8P 71337-81-0P graft, manuf. and crossl

80-43-3 84-54-8 90-44-8 104-87-0 134-81-6 radiation sensitizer, for graft polymn. of

98-86-2 100-52-7 119-61-9 uses and miscellaneous, radiation sensitizer, for graft po

4/9/36 (Item 30 from file: 399)  
DIALOG(R)File 399: CA SEARCH(R)  
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86156673            CA: 86(22)156673h            PATENT  
Manufacturing process of granular crystalline polyolefin resin composition for moldi  
Location: Japan  
Assignee: Nissan Chemical Co., Ltd.  
Patent: Britain GB 1447304  
Date: 760825  
Application: Japan JP 7346956  
Date: 730425  
Pages: 4 pp.  
CODEN: BRXXAA  
Patent Classifications:  
Class: C08J-003/20;  
Section:  
CA037003 Plastics Fabrication and Uses  
Identifiers: polyethylene cryst molding granule, molding granule cryst polyolefin, p  
Descriptors:  
Granulation ...  
of cryst. polyolefin-filler blends, for molding compns.  
CAS Registry Numbers:  
9003-07-0P molding granules, manuf. of, contg. barium sulfate  
9002-88-4P molding granules, manuf. of, contg. inorg. filler  
7727-43-7P polypropylene molding granules contg., manuf. of  
471-34-1P 14807-96-6P uses and miscellaneous, polyethylene molding granules contg.,

?